Information Discours Citation

T.B.

Attorney Docket No.: P-5459

Application No.: 10/073,207

Applicants: T.R. Hansen et al. Filing Date: February 13, 2002

Group Art Unit: 1764

U.S. PATENT DOCUMENTS

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PATENTEE NUMBER ISSUE DATE		TITLE	U.S. Cl.	
Atake	4,780,833	10/1988	System for measuring liquid	364/509
Marquiss	4,846,003	07/1989	Acoustic impedance system for pipette tip detection	73/864.24
Merriam	5,723,795	03/1998	Fluid handler and method of handling a fluid	73/863
Merriam	5,915,282	06/1999	Fluid handler and method of handling a fluid	73/863
Merriam	5,965,828	10/1999	Fluid handler and method of handling a fluid	73/863
Kawanabe	5,488,854	02/1996	Pipetting apparatus	73/19.05
Kimura	5,499,545	03/1996	Pipetting device and method therefore	73/864.18
Miller	4,101,174	07/1978	Slurry control system	30,2/11
Hamann	5,133,392	07/1992	Liquid injection using container bottom sensing	141/1
Ichikawa	4,864,856	09/1989	Liquid level detecting device	73/290
Papen	6,094,966	08/2000	Method for verifying proper operation of a liquid sample dispenser	73/1.74
Dorenkott	6,060,320	05/2000	Method of verifying aspirated volume in automatic diagnostic system	436/54
Dorenkott	6,121,049	09/2000	Method of verifying aspirated volume in automatic diagnostic system	436/50
Dorenkott	5,750,881	05/1998	Method and apparatus for aspirating and dispensing sample fluids	73/37
Takeda	5,537,880	07/1996	Automatic pipetting apparatus with leak detection and method of detecting a leak	73/864.25
Takeda	5,540,081	07/1996	Pipetting apparatus with clot detection	73/37
Lewis	5,622,869	04/1997	Method of detecting an obstruction in a fluid flow line of a medical laboratory instrument	436/148
Fatches	4,483,825	11/1984	Pipette and filter combination	422/100
Uchida	4,893,515	01/1990	Sample-sucking condition checking method and system	73/864.34
Itoh	5,013,529	05/1991	Apparatus for distributing sample liquid	422/100
Gazit	5,496,523	03/1996	Filtred micropipette tip for high/low volume pipettors	422/100
Inoue	5,612,227	03/1997	Liquid boundary detecting method and apparatus and liquid removing method and apparatus	436/180
Lewis	5,814,275	09/1998	Obstruction detector for a fluid flow line of a medical laboratory instrument	422/63

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MAY 0 200	Moulton	5,851,491	12/1998	Pipette tip and filter for accurate sampling and prevention of contamination	422/101
	And S	5,853,665	12/1998	Apparatus and method for monitoring vent line vacuum	422/62
	Gerson	6,022,747	02/2000	Blood clot detector	436/69
	Papen	6,079,283	06/2000	Method for aspirating sample liquid into a dispenser tip and thereafter ejecting droplets therethrough	73/864.11
	Brentz	5,463,895	11/1995	Sample pipetting method	73/61.71
	Jessop	4,794,085	12/1988	Apparatus and method for detecting liquid penetration by a container used for aspirating and dispensing the liquid	436/54
	Nguyen	5,503,036	04/1996	Obstruction detection circuit for sample probe	73/864.34
	Reinicke	4,557,726	12/1985	Precision medication dispensing system and method	604/67
	Kamen	4,778,451	10/1988	Flow control system using Boyle's Law	604/67
	Mullis	5,656,493	08/1997	System for automated performance of the polymerase chain reaction	435/286.1
	Collins	4,340,390	07/1982	Method and apparatus for metering biological fluids	23/230 B
	Inacu	5,918,291	06/1999	Method for liquid aspiration from a sealed container	73/863.83
	Mullis	5,333,675	08/1994	Apparatus and method for performing automated amplification of nucleic acid sequences and assays using heating and cooling steps	165/12
	Enhorning	4,800,750	01/1989	Device for accurately displacing fluid	73/64.4
	Beyer	4,762,105	08/1988	Control system for an extrinsic-ignition internal combustion engine responsive to an engine load signal provided to dual control units	123/417 P E

FOREIGN PATENT DOCUMENT

	NUMBER	PUB. or ISSUE DATE	TITLE	COUNTRA
TB.	92/08545	05/1992	Sample Pipetting Method	World Intell. Prop.Org.
	0753750 A2	01/1997	Method and apparatus for aspirating and dispensing sample fluids	European Pat. Off.
	0810438 A2	12/1997	Microvolume liquid handling system	European Pat. Off.
	0508531 B1	10/1995	Liquid dispensing using container bottom sensing	European Pat. Off.
111 /	0753750 A2	01/1997	Method and apparatus for aspirating and dispensing sample fluids	European

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Title Date: February 13, 2002 Attorney Docket No.: P-5459 Application No.: 10/073,207 MAY 1 0 ZOOZ Filing Date: February 13, 2002 Group Art Unit: 1764 082000 TRA Pat. Off. Method and apparatus for aspirating and dispensing sample fluids World Intell. Prop.Org. 10/1985 Plasma control apparatus Japan 12/1981 Automatic dispenser Japan THADEWAY.

Jamilo Bellamy 6/18/04

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